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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/045,263
		Filing Date	November 7, 2001
		First Named Inventor	Xiao Ming Tang et al.
		Group Art Unit	N/A
		Examiner Name	N/A
Total Number of Pages in This Submission	3	Attorney Docket Number	414-23747-US

### ENCLOSURES (check all that apply)

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<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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Remarks      The commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0429 (414-23747-US)

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kaushik P. Sriram, Reg. No. 43,150
Signature	
Date	February 19, 2002

### CERTIFICATE OF MAILING

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Xiao Ming Tang et al.

§ Group Art Unit: N/A

SERIAL NO.: 10/045,263

§ Examiner: N/A

FILED: November 7, 2001

§

TITLE: "Method and Apparatus for LWD  
Shear Velocity Measurement"

§ Atty Docket No.: 414-23747-US

BOX DD  
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Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

This Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56(a) exists.

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Respectfully submitted,

Dated: February 19, 2002

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.10**

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By: *Beth Pearson-Naul*  
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<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.	SERIAL NO.		
				414-23747-US	10/045,263		
				APPLICANT			
				Xiao Ming Tang et al.			
<b>U.S. PATENT DOCUMENTS</b>				FILING DATE	GROUP		
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AA	4,932,003	06/05/90	Winbow et al.	367	75	05/19/82	
AB	5,027,331	06/25/91	Winbow et al.	367	75	03/20/90	
AC	5,831,934	11/03/98	Gill et al.	367	25	07/24/97	
AD	5,852,262	12/22/98	Gill et al.	181	106	09/28/95	
AE	5,936,913	08/10/99	Gill et al.	367	25	07/24/97	
AF							
AG							
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
AH							
AI							
AJ							
<b>OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)</b>							
AK	S. T. Chen; <i>Shear-wave logging with quadrupole sources</i> , Geophysics, Vol. 54, No. 5, (May 1989), pp. 590-594, 14 Figures.						
AL	Andrew L. Kurkjian et al.; <i>Acoustic multipole sources in fluid-filled boreholes</i> , Geophysics, Vol. 51, No. 1, (January 1986), p. 148 163, 24 Figures, 3 Tables.						
AM							
EXAMINER			DATE CONSIDERED				
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